

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE paragraph [0013] with the following paragraph:

[0013] The foregoing and/or other aspects of the present invention are achieved by providing a computer system comprising a computer main body provided with a hard disk drive (HDD) to retrieve/store data and an HDD ~~driving part~~driver to drive the hard disk drive to rotate at a predetermined rotational speed, the computer system further comprising a lower noise mode selection part allowing a user to select one between a normal mode and a lower noise mode; and a controller to control the HDD ~~driving part~~driver to drive the hard disk drive to rotate at a maximum speed when the normal mode is selected and at a minimum speed when the lower noise mode is selected.

Please REPLACE paragraph [0018] with the following paragraph:

[0018] According to another aspect of the present invention, the above and/or other aspects may be also achieved by providing a method of controlling a computer system comprising a computer main body provided with a hard disk drive (HDD) to retrieve/store data and an HDD ~~driving part~~driver to drive the hard disk drive to rotate at a predetermined rotational speed, the method further comprising: selecting one between a normal mode and a lower noise mode; and controlling the HDD ~~driving part~~driver to drive the hard disk drive to rotate at a maximum speed when the normal mode is selected and at a minimum speed when the lower noise mode is selected.

Please REPLACE paragraph [0027] with the following paragraph:

[0027] FIG. 3 is a control block diagram of a computer system according to an embodiment of the present invention. As shown in FIG. 3, a computer system according to the present invention comprises a hard disk drive (HDD) 5 to retrieve/store data, an HDD ~~driving part~~driver 3 to drive the hard disk drive 5 to rotate at a predetermined rotational speed, a lower noise mode selection part 1 to select one between a normal mode and a lower noise mode, and a controller 10 to control the hard disk drive 5 to rotate at a maximum speed when the normal mode is selected and at a minimum speed when the lower noise mode is selected.

Please REPLACE paragraph [0029] with the following paragraph:

[0029] The HDD ~~driving part~~driver 3 comprises an HDD driving motor to rotate the spindle and HDD controller to read data from the platter being rotated, to determine a rotational speed (RPM) of the platter, and to control the head in response to data request signals from peripheral hardware components. In this embodiment, the HDD driving motor rotates at various speeds in response to a predetermined control signal, wherein the various speeds include a booting speed, the maximum speed, a data processing speed that is slower than the maximum speed, and the minimum speed.

Please REPLACE paragraph [0030] with the following paragraph:

[0030] Generally, in the HDD ~~driving part~~driver 3, the HDD controller generates a predetermined pulse signal and the HDD driving motor rotates corresponding to the pulse signal. Thus, the rotational speed of the HDD driving motor is controlled.

Please REPLACE paragraph [0053] with the following paragraph:

[0053] The HDD ~~driving part~~driver 3 operates on the basis of the control signal from the controller 10, wherein the control signal corresponds to the mode selection signal or the data processing signal. That is, the HDD ~~driving part~~driver 3 adjusts the rotational speed of the

spindle on the basis of the pulse frequency corresponding to the normal mode selection signal, the data processing signal or the lower noise mode selection signal. Here, the pulse frequency of the normal mode selection signal is shorter than that of the data processing signal, and the pulse frequency of the data processing signal is shorter than that of the lower noise mode selection signal, wherein the normal mode selection signal, the data processing signal and the lower noise mode selection signal correspond to the maximum speed, the data processing speed and the minimum speed, respectively.

Please REPLACE paragraph [0054] with the following paragraph:

[0054] FIG. 5 is a flowchart describing the control of the hard disk drive according to the present invention. As shown therein, at operation S1, the hard disk drive reaches the maximum speed of the normal mode when the computer system is completely booted. Thereafter, at operation S3, the application program is executed to implement the lower noise mode. At operation S5, the lower noise mode is selected and the lower noise mode selection signal corresponding to the lower noise mode is transmitted to the controller 10. The controller 10 then controls the HDD ~~driving part~~driver 3 to generate a pulse signal corresponding to the lower noise mode, so that, at operation S7, the rotational speed of the hard disk drive is changed from the maximum speed into the minimum speed.

Please REPLACE paragraph [0058] with the following paragraph:

[0058] At operation S9, if the data processing signal is inputted from the peripheral hardware components in the case of the lower noise mode, the data processing signal is transmitted to the controller 10. The controller 10 then controls the HDD ~~driving part~~driver 3 to generate a pulse signal corresponding to the data processing signal, so that, at operation S11, the rotational speed of the hard disk drive is changed from the minimum speed into the data processing speed.